

FIG. 1

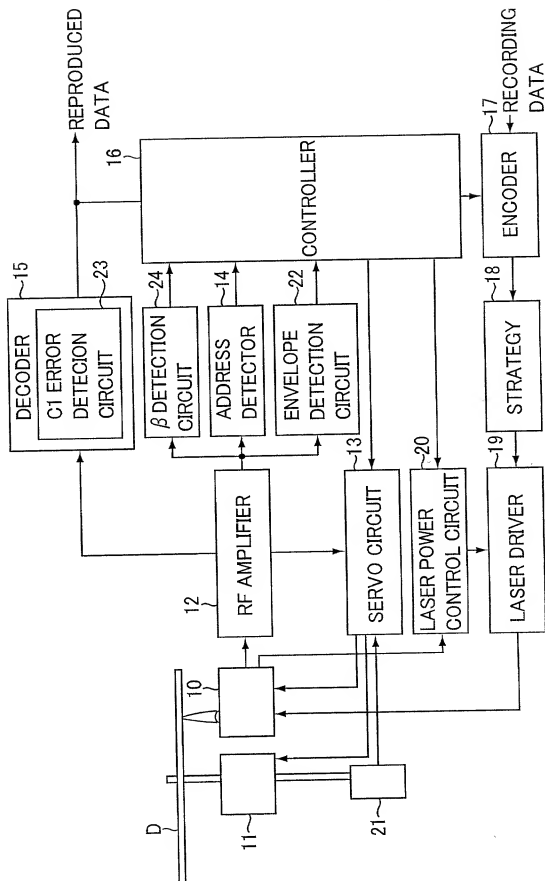


FIG. 2

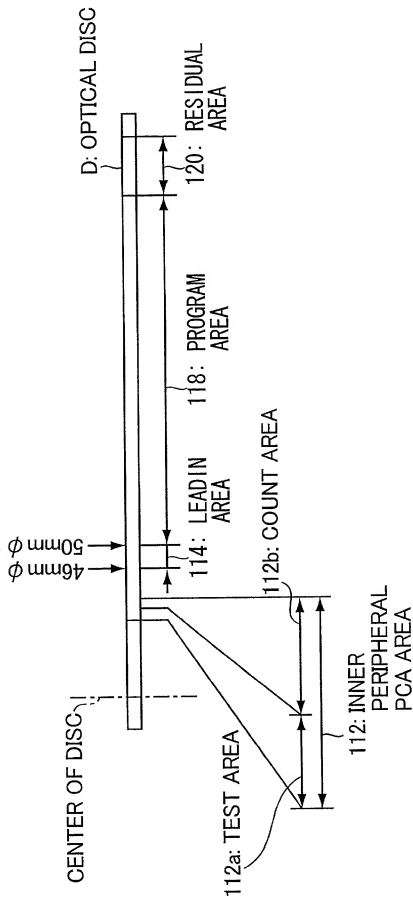


FIG.3

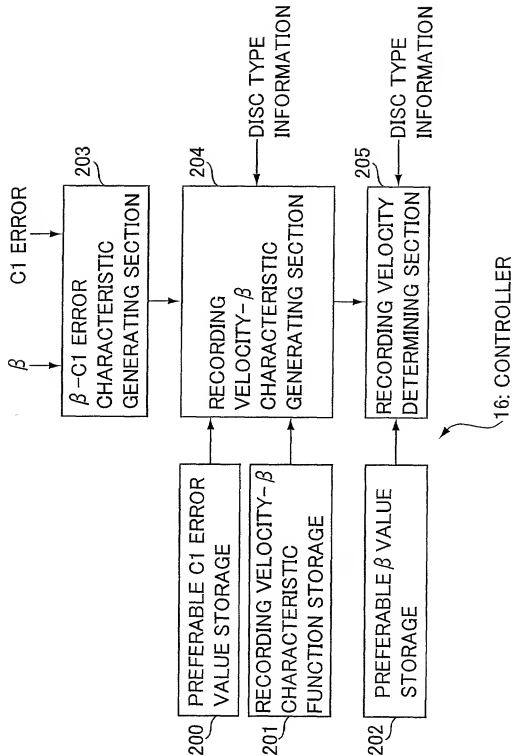
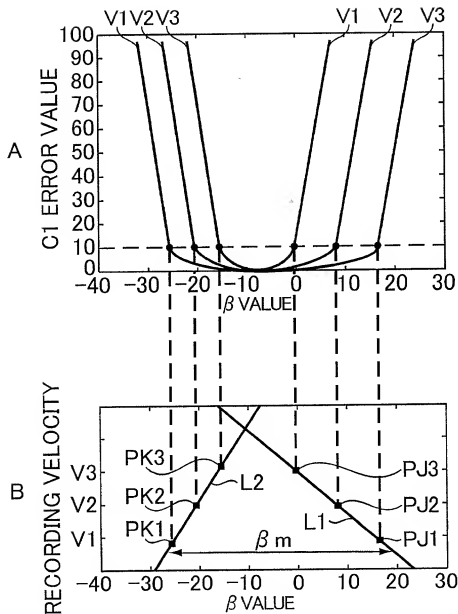


FIG.4



10067926.000500  
 200500

FIG.6

Figure 1 is a graph showing the relationship between recording velocity ( $V$ ) and the maximum value of the beta function ( $\beta_m$ ). The y-axis is labeled  $\beta_m$  and ranges from 0 to 45. The x-axis is labeled RECORDING VELOCITY and has points  $V_1$ ,  $V_2$ ,  $V_3$ , and  $V_{max}$ . A solid line labeled  $L_3$  connects points  $(V_1, 40)$ ,  $(V_2, 28)$ , and  $(V_3, 15)$ . A dashed line labeled  $L_4$  extends from  $(V_3, 15)$  to  $(V_{max}, 10)$ . A horizontal dashed line is drawn at  $\beta_m = 10$ . A vertical dashed line drops from  $(V_{max}, 10)$  to the x-axis at  $V_{max}$ .

FIG.7

TYPE OF DISC	PREFERABLE $\beta$ VALUE
A	10~
B	12~
C	9~
⋮	⋮

FIG.8

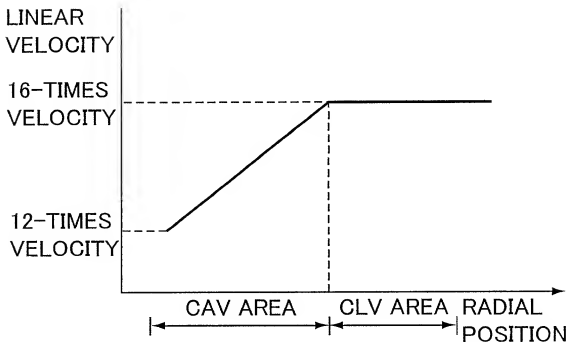
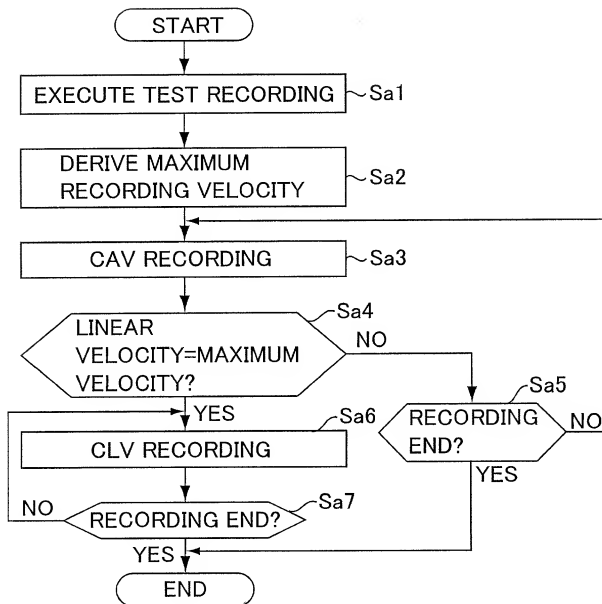


FIG.9



10067926-020507c

FIG.10

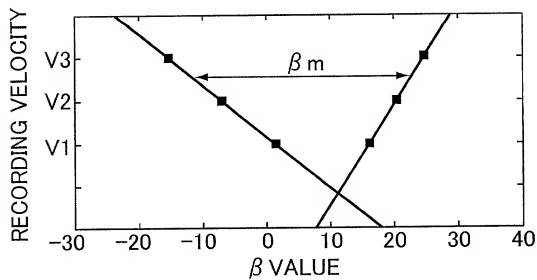


FIG.11

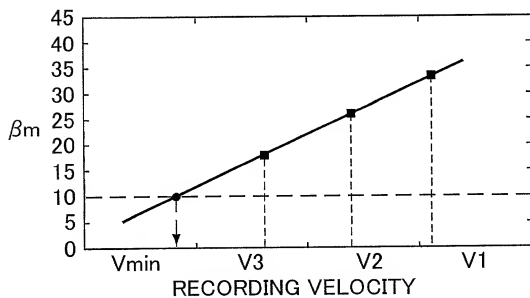
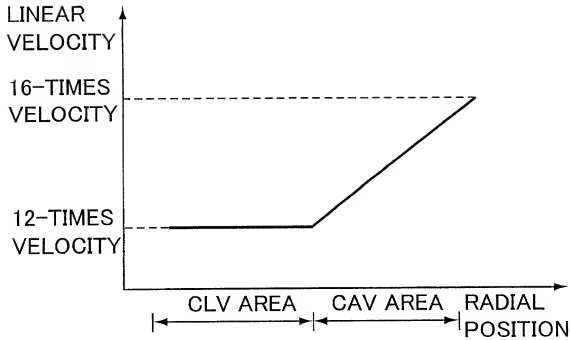




FIG.12



1067926.020502

Fig. 102 is a graph showing the relationship between Recording Velocity and Allowable Laser Power Range (%). The Y-axis represents Recording Velocity, with marked levels V1, V2, and V3. The X-axis represents the Allowable Laser Power Range (%), ranging from -100 to +100, with a central point at 0. Two intersecting lines form a V-shape, meeting at the 0% power range. The left line (negative power range) is labeled PK01, PK02, and PK03 at increasing velocity levels. The right line (positive power range) is labeled PJ01, PJ02, and PJ03 at increasing velocity levels.

FIG.14

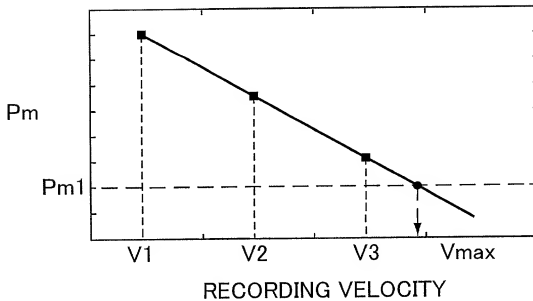
[illegible]

FIG. 15

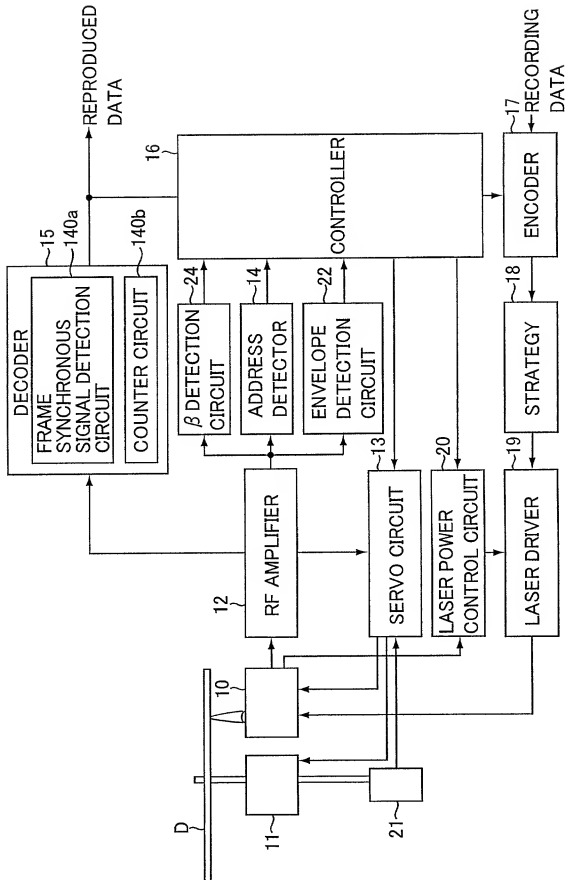
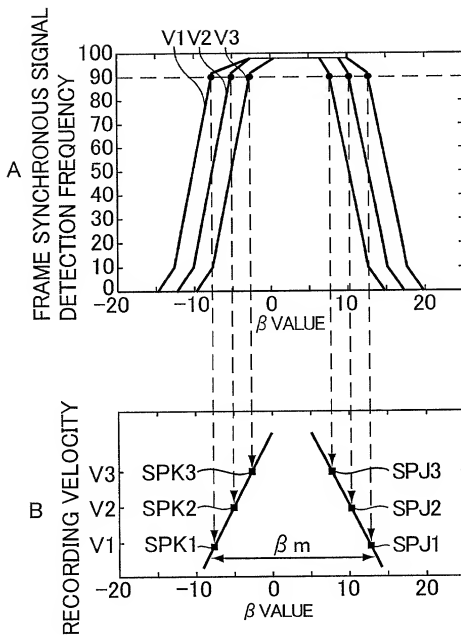


FIG.16



205020-92679001

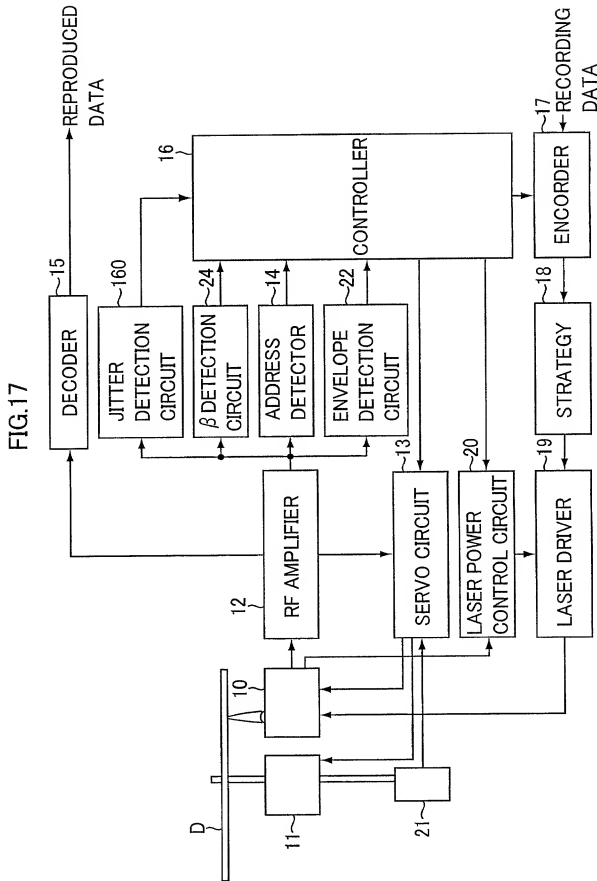


FIG.18

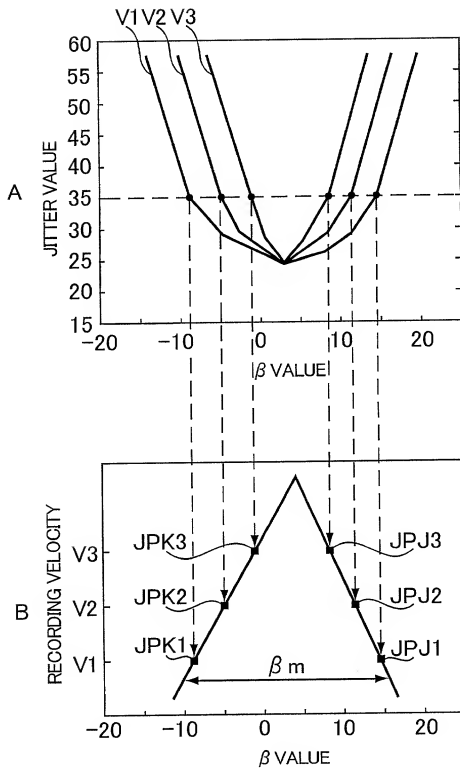


FIG. 19

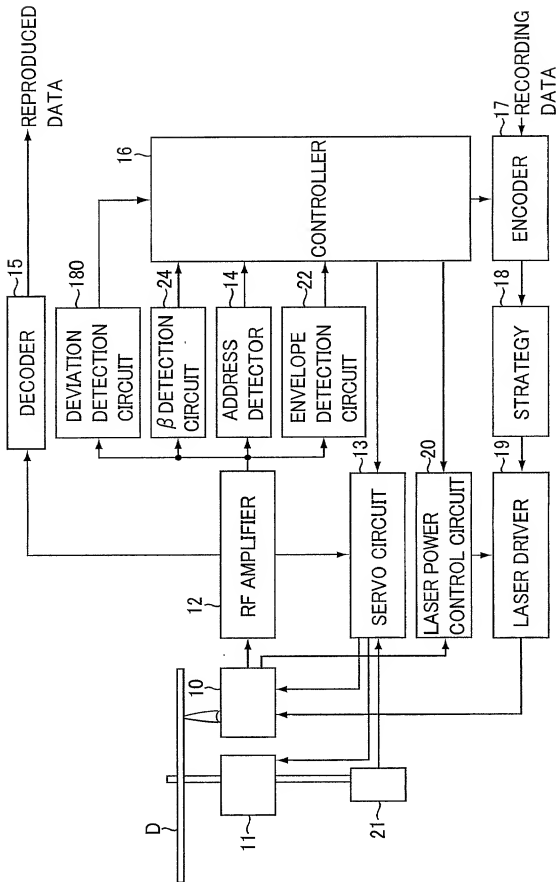
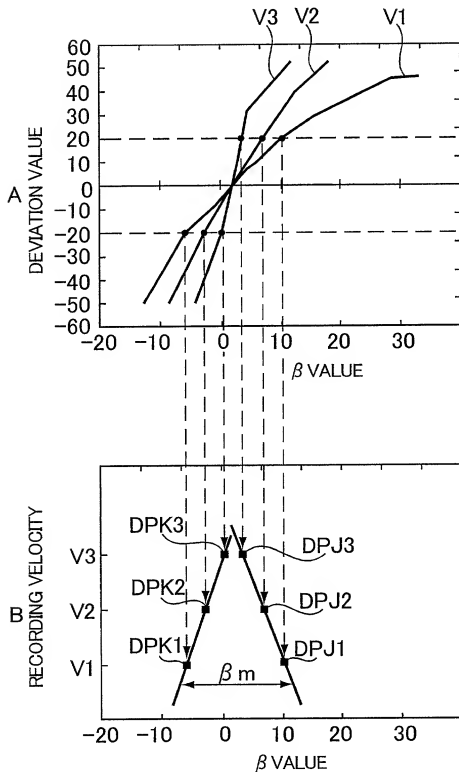




FIG.20



205020-92679001

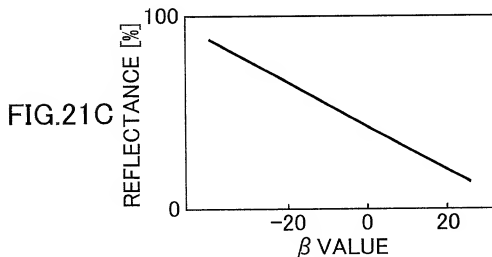
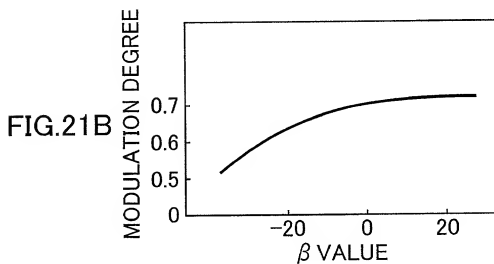
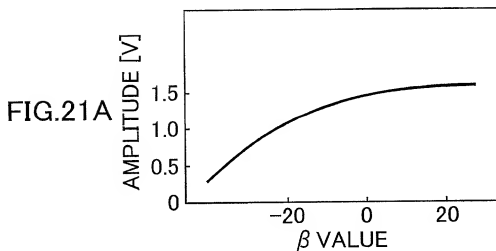


FIG.22

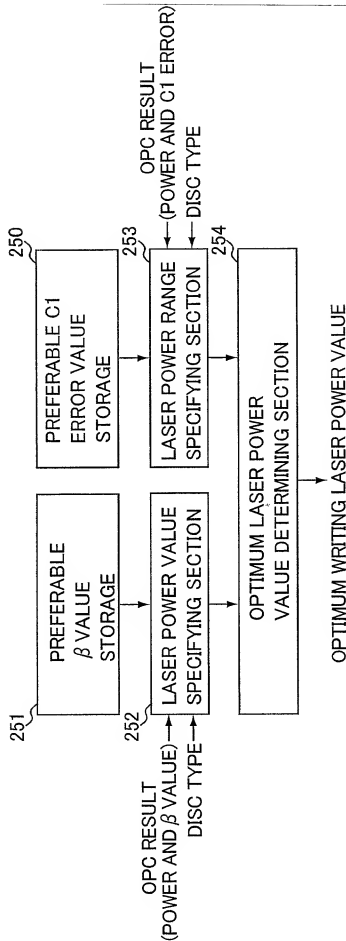


FIG.23

TYPE OF DISC	PREFERABLE $\beta$ VALUE
A	0
B	-1
C	2
⋮	⋮

FIG.24

No.	WRITING POWER	$\beta$	C1Error
1	11.0	-31	98
2	11.5	-26	98
3	12.0	-22	62
4	12.5	-16	10
5	13.0	-12	2
6	13.5	-8	0
7	14.0	-3	0
8	14.5	1	0
9	15.0	3	0
10	15.5	4	0
11	16.0	5	3
12	16.5	10	12
13	17.0	14	78
14	17.5	20	98
15	18.0	24	98

OPC RESULT

10067926-020502

FIG.25

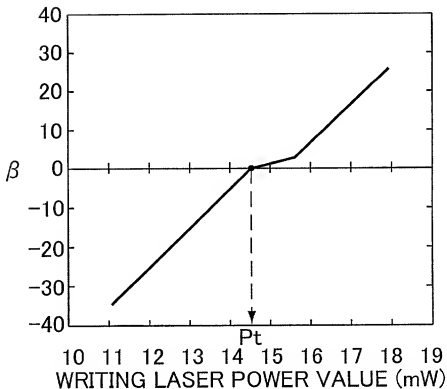


FIG.26

TYPE OF DISC	PREFERABLE C1 ERROR VALUE
A	0~10
B	0~9
C	0~12
⋮	⋮

10067926.020502

FIG.27

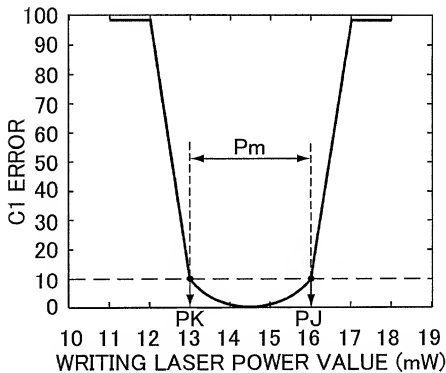


FIG.28

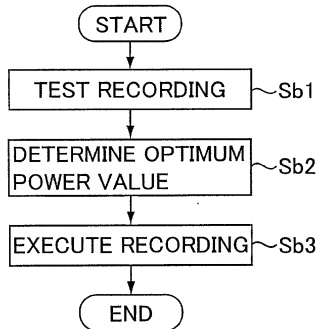


FIG.29

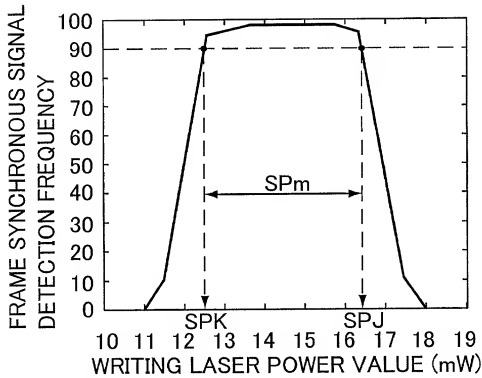


FIG.30

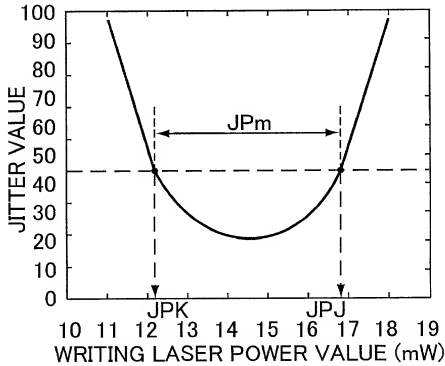


FIG.31

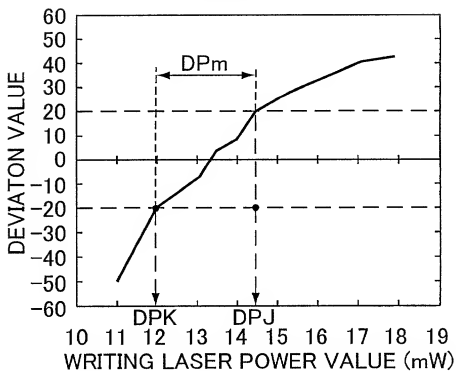


FIG.32

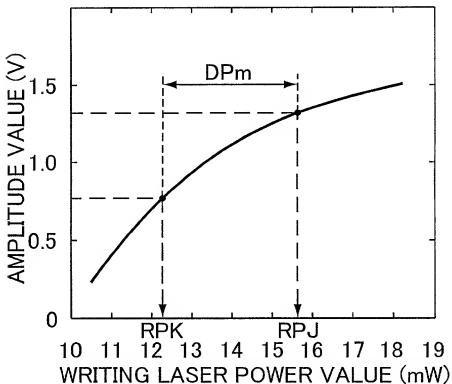




FIG.33

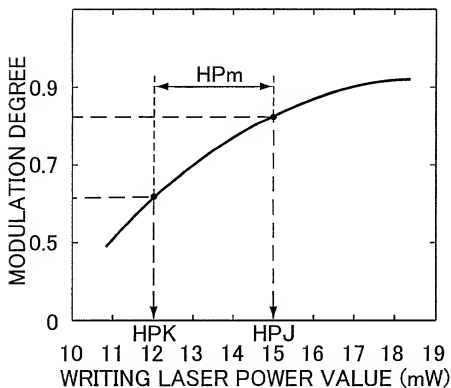


FIG.34

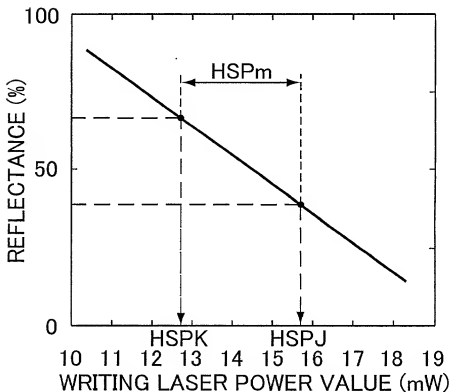


FIG.35

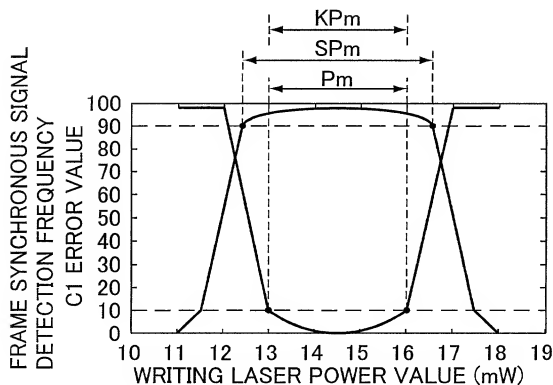


FIG. 36

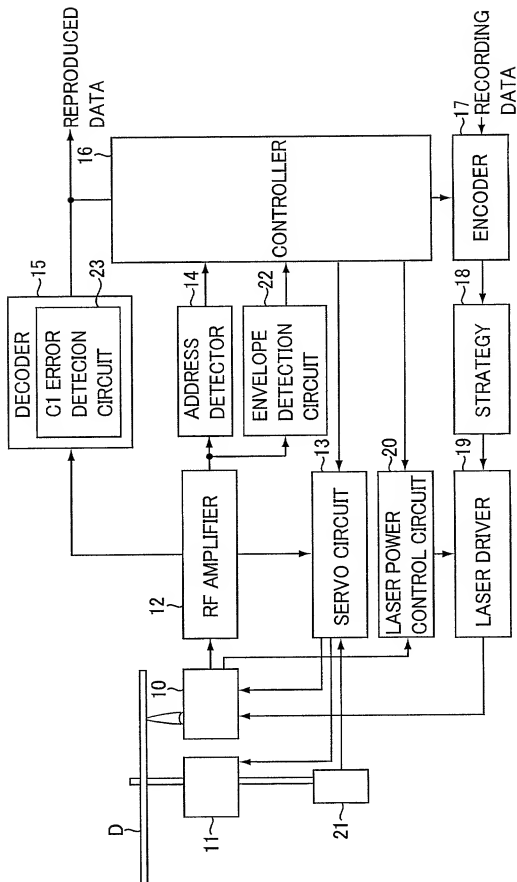


FIG.37

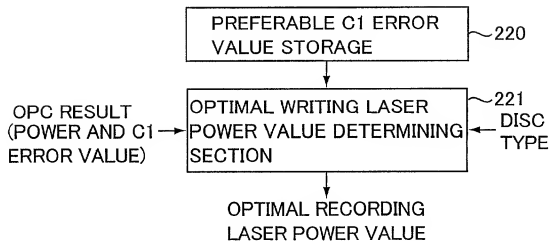
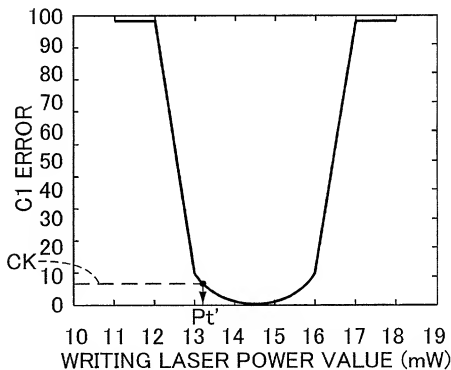


FIG.38



10067926.020500

FIG.39

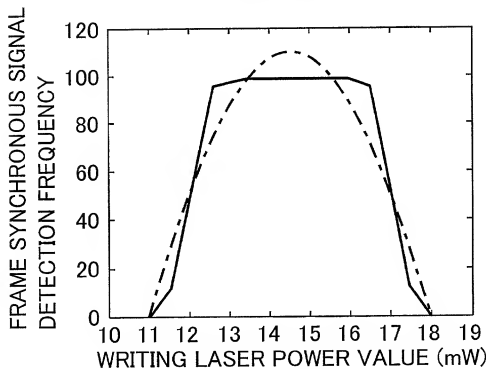


FIG.40

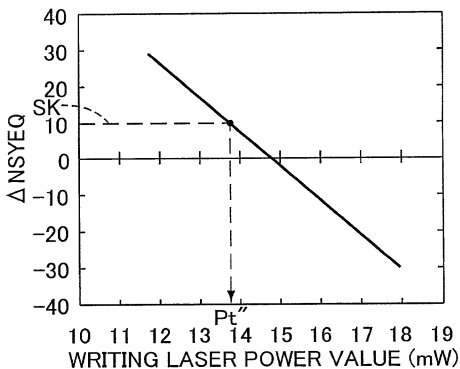


FIG.41

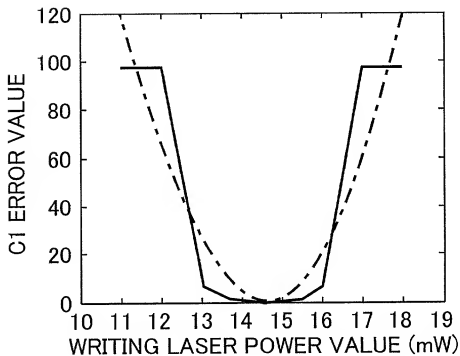


FIG.42

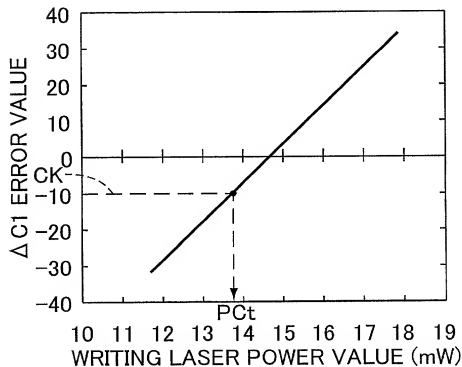


FIG.43

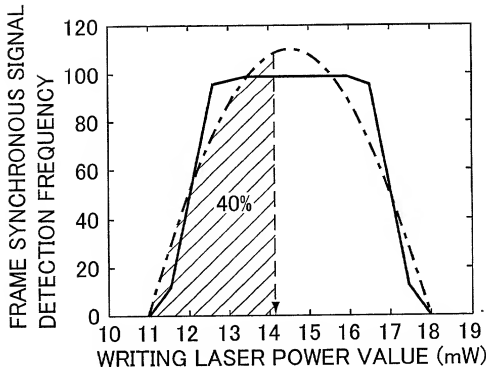


FIG.44

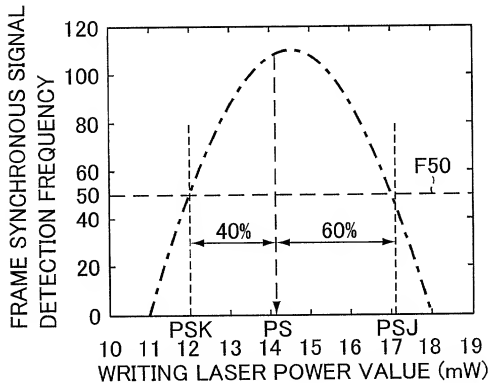


FIG. 45

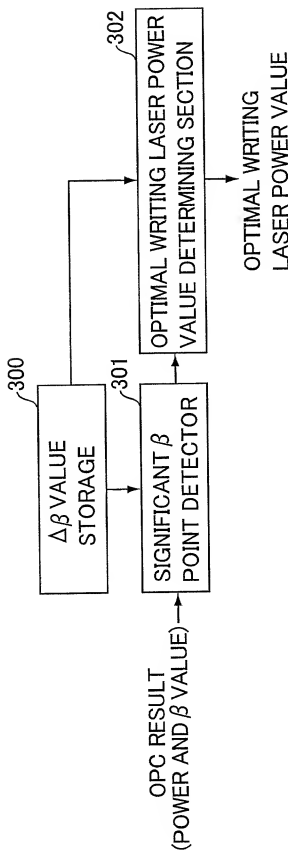




FIG.46

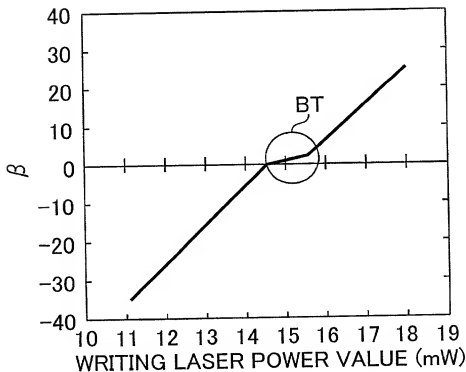


FIG.47

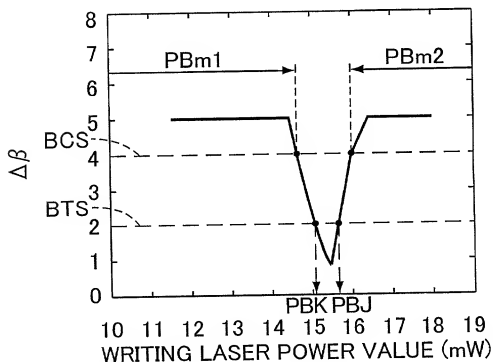


FIG.48

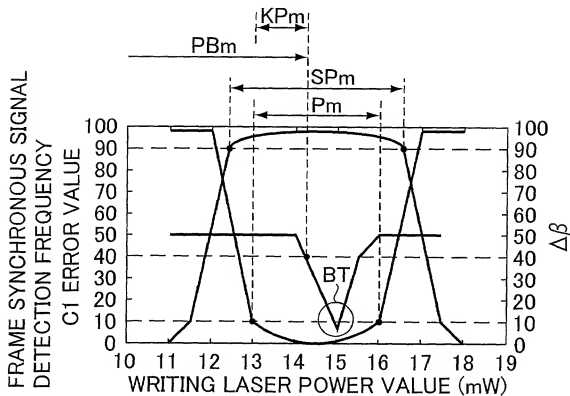


FIG.49

